

Amendments to the Specification:

Please replace the Abstract with the following amended Abstract:

-- In a device for measuring the pressure of a medium, in particular a liquid medium, the device including a measuring chamber through which the medium can flow and which has at least one elastically deformable wall, at least one wall that is more rigid by comparison to the elastically deformable wall, and an inlet and outlet for the medium, at least one excitation electrode is provided in or on the at least one more rigid wall of the measuring chamber, and at least one signal electrode is provided on the elastically deformable wall, for impedance measurement.--

At page 3, line 25 to page 4, line 10, please replace the two indicated paragraphs with the following two paragraphs:

--The object of the present invention, therefore, is to develop a device for measuring the pressure of a medium, in particular a liquid medium, in such a way that pressure measurement is also possible without the provision of a costly transducer, and that this device can also be used in particular for dialysis and other mechanical applications in which pressures are to be measured.

The object is achieved, by the fact that at least one excitation electrode is provided in or on the at least one more rigid wall of the measuring chamber, and at least one signal electrode is provided on the elastically deformable wall, for impedance measurement. The object is also achieved, for a method for determining the hematocrit value of blood contained in a measuring chamber, by the fact that blood flows through the measuring chamber in an extracorporeal circuit, and the hematocrit value is determined by determining the conductivity value between two fixed electrodes projecting into the measuring chamber. Developments of the inventions are defined in the dependent claims.--

At line 18 of page 13 of the English translation, please add the following description of FIG. 4:

--**FIG. 4** shows an end view of the device of **FIG. 3**--